

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: March 1, 2001, 16:10:06 ; Search time 27.76 Seconds
(without alignments)
42.693 Million cell updates/sec

Title: US-09-331-631A-24_COPY_29_94

Perfect score: 382
Sequence: 1 HDDEDGRGSHLQOCVORC.....EQEEDGRGRCGWHGCREREE 66

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 174772 seqs, 17957048 residues

Total number of hits satisfying chosen parameters: 174772

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :
1: Issued_Patents_AA:*
2: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/PCUS.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	86	22.5	587	1 US-07-955-905A-23	Sequence 23, App1
2	73	19.1	605	1 US-07-955-905A-24	Sequence 24, App1
3	72	18.8	566	1 US-07-955-905A-2	Sequence 2, App1
4	72	18.8	566	1 US-07-955-905A-22	Sequence 22, App1
5	69	18.1	1162	2 US-08-728-323A-2	Sequence 2, App1
6	65.5	17.1	1898	1 US-08-056-200-94	Sequence 94, App1
7	65.5	17.1	1898	2 US-08-800-644-94	Sequence 94, App1
8	65	17.0	888	2 US-08-861-464-6	Sequence 6, App1
9	65	17.0	888	2 US-08-396-001-6	Sequence 6, App1
10	64.5	16.9	242	2 US-08-845-998-2	Sequence 2, App1
11	64.5	16.9	242	2 US-09-206-537-2	Sequence 2, App1
12	63.5	16.6	575	3 US-08-922-865-2	Sequence 2, App1
13	61	16.0	1007	3 US-08-851-843A-86	Sequence 86, App1
14	61	16.0	1007	3 US-08-974-549A-187	Sequence 187, App1
15	61	16.0	1031	3 US-08-851-843A-2	Sequence 2, App1
16	61	16.0	1031	3 US-08-974-549A-110	Sequence 110, App1
17	58.5	15.3	546	2 US-08-724-394A-5	Sequence 5, App1
18	58	15.2	546	2 US-08-935-855-20	Sequence 20, App1
19	58	15.2	1105	2 US-08-710-249-2	Sequence 2, App1
20	57.5	15.1	184	1 US-08-453-924-3	Sequence 3, App1
21	57.5	15.1	434	1 US-08-337-602-3	Sequence 3, App1
22	57.5	15.1	434	3 US-08-358-135-3	Sequence 3, App1
23	57.5	15.1	591	3 US-08-965-903B-2	Sequence 2, App1
24	57.5	15.1	2237	1 US-08-455-543A-48	Sequence 48, App1
25	57.5	15.1	2237	1 US-08-223-305C-48	Sequence 48, App1
26	57.5	15.1	2337	3 US-08-713-118-2	Sequence 2, App1
27	57.5	15.1	2337	3 US-09-452-007-2	Sequence 2, App1
28	57.5	15.1	2339	1 US-08-455-543A-47	Sequence 47, App1

29	57.5	15.1	2339	2 US-08-223-305C-47	Sequence 47, App1
30	57	14.9	188	2 US-08-618-911-6	Sequence 6, App1
31	57	14.9	181	1 US-08-034-245-14	Sequence 14, App1
32	57	14.9	297	2 US-08-602-359A-37	Sequence 37, App1
33	57	14.9	614	4 PCT-0595-02326-21	Sequence 21, App1
34	56.5	14.8	190	3 US-08-799-149C-3	Sequence 3, App1
35	56.5	14.8	571	1 US-07-955-905A-25	Sequence 25, App1
36	56.5	14.8	676	3 US-08-630-172-10	Sequence 10, App1
37	56	14.7	343	2 US-08-933-750C-13	Sequence 13, App1
38	56	14.7	343	3 US-09-234-613-13	Sequence 13, App1
39	56	14.7	816	2 US-08-267-803B-9	Sequence 9, App1
40	55.5	14.5	188	2 US-08-618-911-4	Sequence 4, App1
41	55.5	14.5	158	2 US-08-938-675A-2	Sequence 2, App1
42	55.5	14.5	570	3 US-08-826-246-2	Sequence 2, App1
43	55.5	14.5	570	3 US-08-944-495-2	Sequence 2, App1
44	55.5	14.5	570	3 US-09-126-640-7	Sequence 7, App1
45	55.5	14.5	1805	1 US-07-853-913-2	Sequence 2, App1

ALIGNMENTS

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RESULT 1
US-07-955-905A-23
; Sequence 23, Application US/07955905A
; Patent No. 5770433
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: RECOMBINANT 47 AND 31 kD COCOA PROTEINS AND
; TITLE OF INVENTION: PRECURSOR
; NUMBER OF SEQUENCES: 28
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/955,905A
; FILING DATE: 21-JAN-1993
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 587 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; ORIGINAL SOURCE: Gossypium hirsutum
; ORGANISM: Gossypium hirsutum
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..587
; OTHER INFORMATION: /note= "Vicillin from G. hirsutum"
US-07-955-905A-23

Query Match 22.5%; Score 86; DB 1; Length 587;
Best Local Similarity 31.2%; Pred. No. 0.015;
Matches 20; Conservative 12; Mismatches 30; Indels 2; Gaps 2;

QY 3 DEDDRRGSHLQOCVORCROERPRYSH-ARCVQECRDQOQH-GRHDEERGRCGWHG 60
   : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 113 EQQQQOQOQORFOFCOQHOOEQRPERRKQOCVACRCRERYENPWRREERAEERTEEG 172
   : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 61 EGER 64
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Db 173 EQEQ 176

RESULT 2
US-07-955-905A-24
; Sequence 24, Application US/07955905A
; Patent No. 5770433
; GENERAL INFORMATION:
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1  APPLICANT: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND.
2  TITLE OF INVENTION: PRECURSOR
3  TITLE OF INVENTION: PRECURSOR
4  NUMBER OF SEQUENCES: 28
5  COMPUTER READABLE FORM:
6  MEDIUM TYPE: Floppy disk
7  COMPUTER: IBM PC compatible
8  OPERATING SYSTEM: PC-DOS/MS-DOS
9  SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
10 CURRENT APPLICATION DATA:
11 APPLICATION NUMBER: US/07/955,905A
12 FILING DATE: 21-JAN-1993
13 CLASSIFICATION: 435
14 INFORMATION FOR SEQ ID NO: 24:
15 SEQUENCE CHARACTERISTICS:
16 LENGTH: 605 amino acids
17 TYPE: amino acid
18 TOPOLOGY: linear
19 MOLECULE TYPE: protein
20 ORIGINAL SOURCE:
21 ORGANISM: Glycine max
22 FEATURE:
23 NAME/KEY: Protein
24 LOCATION: 1..605
25 OTHER INFORMATION: /note= "Vicilin from G. max"
26 US-07-955-905A-24

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Query Match	19.1%;	Score 73;	DB 1;	Length 605;
Best Local Similarity	30.3%;	Pred. 0.52;		
Matches	20;	Conservative	6;	Mismatches 14; Indels 26; Gaps 3.

OY	15	OCVGRCRERRRY	-----SHAR	-----VORC	-----	RDQQQGNRHC	48
DB	37	KCLQCSNRSRSTNQACHARNLLKKEKCEGSEETPRPRPRQHPREKRPQSGKEED					96
OY	49	EEEOGR	54				
DB	97	EDEQPR	102				

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1  RESULT 3
2  US-07-955-905A-2
3  Sequence 2, Application US/07955905A
4  Patent No. 5770433
5  GENERAL INFORMATION:
6  APPLICANT:
7  TITLE OF INVENTION: RECOMBINANT 47 AND 31 kD COCOA PROTEINS AND
8  TITLE OF INVENTION: PRECURSOR
9  NUMBER OF SEQUENCES: 28
10 COMPUTER READABLE FORM:
11 MEDIUM TYPE: FLOPPY disk
12 COMPUTER: IBM PC compatible
13 OPERATING SYSTEM: PC-DOS/MS-DOS
14 SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
15 CURRENT APPLICATION DATA:
16 APPLICATION NUMBER: US/07/955,905A
17 FILING DATE: 21-JAN-1993
18 CLASSIFICATION: 435
19 INFORMATION FOR SEQ ID NO: 2:
20 SEQUENCE CHARACTERISTICS:
21 LENGTH: 566 amino acids
22 TYPE: amino acid
23 TOPOLOGY: linear
24 MOLECULE TYPE: protein
25 US-07-955-905A-2

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Query Match      18.88;  Score 72;  DB 1;  Length 566;
Best Local Similarity 28.68;  Pred. No. 0.64;
Matches 22;  Conservative 8;  Mismatches 23;  Indels 24;  Gaps 4;

```

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D6      :| | |:|  
        EQQCREREREKKEQRRQEELRQYQDCCGRCEVQRGQGGRBDDQCCKMKEDYTKBERG   119  
  
QY     54 RRGGMH---GEGEREI    66  
         :|          ||  
Db     120 EHENVHNIIKKKRSEEE    136
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RESULT      4
US-07-955-905A-22
: Sequence. 22, Application US/07955905A
: Patent No. 577043
:
GENERAL INFORMATION:
:
APPLICANT:
:
TITLE OF INVENTION: RECOMBINANT 47 AND 31 KD COCOA PROTEINS AND
:
TITLE OF INVENTION: PRECURSOR
:
NUMBER OF SEQUENCES: 28
:
COMPUTER READABLE FORM:
:
MEDIUM TYPE: floppy disk
:
COMPUTER: IBM PC compatible
:
OPERATING SYSTEM: PC-DOS/MS-DOS
:
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
:
CURRENT APPLICATION DATA:
:
APPLICATION NUMBER: US/07/955,905A
:
FILING DATE: 21-JAN-1993
:
CLASSIFICATION: 435
:
INFORMATION FOR SEQ ID NO: 22:
:
SEQUENCE CHARACTERISTICS:
:
LENGTH: 566 amino acids
:
TYPE: amino acid
:
TOPOLOGY: linear
:
MOLECULE TYPE: protein
:
ORIGINAL SOURCE:
:
ORGANISM: Theobroma cacao
:
FEATURE:
:
NAME/KEY: Protein
:
LOCATION: 1..566
:
OTHER INFORMATION: /note= "67 kD Precursor Protein"
:
US-07-955-905A-22

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Query Match      18.8%: Score 72: DB 1: Length 566:
Best Local Similarity 28.6%: Pred. No. 0.64:
Matches 22: Conservative 8: Mismatches 23: Indels 24: Gaps 4:

OY      14  QQCVCRCRQERPRYSH-----ARCVCQC--RDDQQQGRHREQ-----EEEGG 53
           :| | | : |
Db       60  EOCRCRCRERKEDQROQEEELQROYQOCQCRQEOQOGQREOQOCQRCQWQYKKEQERG 119
           :| | | : |

OY      54  RGRGWH---GEGGEE 66
           :|
Db       120 EHENYHNHKKNRSEEE 136

RESULT      5
US-08-728-323A-2
; Sequence 2, Application US/08728323A
; Patent No. 5948676
; GENERAL INFORMATION:
; APPLICANT: Chang, Yuan
; APPLICANT: Bohenzky, Roy A.
; APPLICANT: Russo, James J.
; APPLICANT: Edelman, Isidore S.
; APPLICANT: Moore, Patrick S.
; TITLE OF INVENTION: Immediate Early Protein From Kaposi's
; TITLE OF INVENTION: Sarcoma-Associated Herpesvirus, DNA
; TITLE OF INVENTION: Encoding Same And Uses Thereof
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York

```

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1 COUNTRY: U.S.A.
2 ZIP: 10036
3
4 COMPUTER READABLE FORM:
5 MEDIUM TYPE: floppy disk
6 COMPUTER: IBM PC compatible
7 OPERATING SYSTEM: PC-DOS/MS-DOS
8 SOFTWARE: PatentIn Release #1.0, Version #1.30
9
10 CURRENT APPLICATION DATA:
11 APPLICATION NUMBER: US/08/728.323A
12
13 FILING DATE:
14 CLASSIFICATION: 435
15
16 ATTORNEY/AGENT INFORMATION:
17 NAME: White, John P.
18
19 REGISTRATION NUMBER: 28,678
20 REFERENCE/DOCKET NUMBER: 0575/52268 /JPW/MSC/SKS
21
22 TELECOMMUNICATION INFORMATION:
23 TELEPHONE: 212-278-0400
24 TELEFAX: 212-391-0525
25
26 INFORMATION FOR SEQ ID NO: 2:
27
28 SEQUENCE CHARACTERISTICS:
29 LENGTH: 1162 amino acids
30 TYPE: amino acid
31 TOPOLOGY: linear
32
33 MOLECULE TYPE: protein
34
35 US-08-728-323A-2

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Query Match	18.1%	Score 69	DB 2	Length 1162
Best Local Similarity	27.7%	Pred. No.	3.1	
Matches 18	Conservative	15	Mismatches	28
			Indels	4
			Gaps	1

OY 2 DDEDDRGGSHSLQCCVQRCKRGRPRYSARCAVDECRDDDOOHGRRHQQEEFGSGRGKWHGE 61
 : :::: || |:::| : :||| |::| :
Db 713 EQQDEQQQDEQQQDEQQQDEQQQDE----QQQDDEQQQDDEDEQQQEEOQEQEEOQEQE 768

QY	62	GEREE	66
		1:1	
Db	769	LEEQE	773

RESULT 6
US-08-056-200-94

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; Sequence 94, Application US/08056200
; Patent No. 5616500
; GENERAL INFORMATION:

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```
;; APPLICANT: Steinert, Peter M.
;; APPLICANT: Lee, Seung-Chul
;; APPLICANT: Kim, In-Gyu
```

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;
;  APPLICANT:  Chung, Soo-Il
;
;  APPLICANT:  Park, Sang-Chul
;
;  TITLE OF INVENTION:  Trichohyalin and Transglutaminase-3 and

```

```

; TITLE OF INVENTION:  Methods of Using Same
;
; NUMBER OF SEQUENCES:  117
;
; CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Knobb, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach

STATE: CA
COUNTRY: U.S.A.
ZIP: 92660

```

;      COMPUTER READABLE FORM:
;
;      MEDIUM TYPE:  Floppy disk
;
;      COMPUTER:      IBM PC compatible
;
;      OPERATING SYSTEM:  PC-DOS

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: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US 08/056 200
:

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ATTORNEY/AGENT INFORMATION:
CLASSIFICATION: 435
FILING DATE: 30-APR-1993
APPLICATION NUMBER: 05/0

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? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (714) 760-0404
? TELEFAX: (714) 760-9502
? INFORMATION FOR SEQ ID NO: 94:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1898 amino acids
? type: amino acid
? TOPOLOGY: linear
? MOLECULE TYPE: protein
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US-08-056-200-94

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Query Match	17.1%	Score 65.5	DB 1	Length 1898
Best Local Similarity	27.9%	Pred. No. 14		
Matches 19	Conservative 13	Mismatches 31	Indels 5	Gaps 2

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Db      728 ESEADARQSKVLLFAPQAGRAEAPQOEDEEKKRRRSELSQWEEERAH-RQQQEEQGRDFT 786

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QY	58	WHGEGERE	65
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Db	787	WQWQAEK	794

RESULT 7
US-08-800-644-94

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; Sequence 94, Application US/08800644
; Patent No. 5958752
; GENERAL INFORMATION:

```

APPLICANT: Steinert, Peter M.
; APPLICANT: Lee, Seung-Chul
; APPLICANT: kim, In-Gyu
; APPLICANT: ;

; APPLICANT: Chung, Soo-Il
 ; APPLICANT: Park, Sang-Chul
 ; TITLE OF INVENTION: Trichohyalin and Transglutaminase-3 and
 ; FIELD OF INVENTION:

TITLE OF INVENTION: Methods • • • ing Same
NUMBER OF SEQUENCE: 117
CORRESPONDENCE ADDRESS:
ADDRESSEE: "Academy of Sciences of the USSR"

ADDRESS: Knodde, Martens, Olson & Bear
STREET: 620 Newport Center Drive, Sixteenth Floor
CITY: Newport Beach
STATE: CA

STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
CONSUMER RECEIPT

```

; COMPUTER READABLE FORM:
;
; MEDIUM TYPE: Floppy disk
;
; COMPUTER: IBM PC compatible
;
; OPERATING SYSTEM: PC-DOS

```

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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/800 644

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APPLICATION NUMBER: 05/08/800,844
FILING DATE: 14-FEB-1997
CLASSIFICATION: 424
PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/056,200
 FILING DATE: 30-APR-1993
 ATTORNEY/AGENT INFORMATION:

```

1  LOCATION/AGENT INFORMATION:
2
3  NAME: Fedrick, Michael F.
4
5  REGISTRATION NUMBER: 36,799
6
7  REFERENCE/DOCKET NUMBER: NH054 001A
8

```

TELECOMMUNICATION INFORMATION
TELEPHONE: (714) 760-040
TELEFAX: (714) 760-9502

```

; INFORMATION FOR SEQ ID NO: 9
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1898 amino acids

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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

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US-08-800-644-94


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1 TITLE OF INVENTION: No. 6093809e1 Telomerase
2 NUMBER OF SEQUENCES: 225
3 CORRESPONDENCE ADDRESS:
4 ADDRESSEE: Townsend and Townsend and Crew LLP
5 STREET: Two Embarcadero Center, 8th Floor
6 CITY: San Francisco
7 STATE: California
8 COUNTRY: United States of America
9 ZIP: 94111
10
11 COMPUTER READABLE FORM:
12 MEDIUM TYPE: Floppy disk
13 COMPUTER: IBM PC compatible
14 OPERATING SYSTEM: PC-DOS/MS-DOS
15 SOFTWARE: Patentin Release #1.0, Version #1.30
16 CURRENT APPLICATION DATA:
17 APPLICATION NUMBER: US/08/851,843A
18 FILING DATE: 06-MAY-1997
19 CLASSIFICATION:
20 APPLICATION NUMBER: US 08/846,017
21 FILING DATE: 25-APR-1997
22 CLASSIFICATION:
23 PRIOR APPLICATION DATA:
24 APPLICATION NUMBER: US 08/844,419
25 FILING DATE: 18-APR-1997
26 CLASSIFICATION:
27 PRIOR APPLICATION DATA:
28 APPLICATION NUMBER: US 08/724,643
29 FILING DATE: 01-OCT-1996
30 CLASSIFICATION:
31 ATTORNEY/AGENT INFORMATION:
32 NAME: Apple, Randolph T.
33 REGISTRATION NUMBER: 36,429
34 REFERENCE/DOCKET NUMBER: 015389-00293005
35 TELECOMMUNICATION INFORMATION:
36 TELEPHONE: (415) 576-0200
37 TELEFAX: (415) 576-0300
38 INFORMATION FOR SEQ ID NO: 86:
39 SEQUENCE CHARACTERISTICS:
40 LENGTH: 1007 amino acids
41 TYPE: amino acid
42 STRANDEDNESS:
43 TOPOLOGY: linear
44 MOLECULE TYPE: peptide
45 US-08-851-843A-86
46
47
48 Query Match 16.0%; Score 61; DB 3; Length 1007;
49 Best Local Similarity 28.6%; Pred. No. 23;
50 Matches 12; Conservative 9; Mismatches 21; Indels
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52 QY 2 DDEDGRGSHSLQCCVORERPRYSHRCVQECDDQOH 43
53 1::| | | | | | | | | | | | | | | | | |
54 Db 5 DNOADNHGHSALKCEELKEAKTLXWQKYVRCRNQOSH 46
55
56 RESULT 14
57 US-08-974-549A-187
58 Sequence 187, Application US/08974549A
59 Patent No. 6166178
60
61 GENERAL INFORMATION:
62 APPLICANT: Cecch, Thomas R.
63 APPLICANT: Lingner, Joachim
64 APPLICANT: Nakamura, Toru
65 APPLICANT: Chapman, Karen B.
66 APPLICANT: Morin, Gregg B.
67 APPLICANT: Harley, Calvin B.
68 APPLICANT: Andrews, William H.
69 TITLE OF INVENTION: Human Telomerase Catalytic Subunit
70 NUMBER OF SEQUENCES: 727
71 CORRESPONDENCE ADDRESS:
72 ADDRESSEE: Townsend and Townsend and Crew LLP
73 STREET: Two Embarcadero Center, Eighth Floor

```

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CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 187:
SEQUENCE CHARACTERISTICS:
LENGTH: 1007 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-974-549A-187

Query Match 16.0%; Score 61; DB 3; Length 1007;
Best local similarity 28.6%; Pred. No. 23;
Matches 12; Conservative 9; Mismatches 21; Indels 0; Gaps 0.

2 DDEDRCRGHSLOOCVQRCRQERPRYSIARCVQECRDQOQH 43
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5 DNOADNHCHISALTKCEIRKEAKTLYSWIKVIRCRNOSOSH 46

```

```

GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. 6093809e1 Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/851,843A
FILING DATE: 06-MAY-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1031 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: protein
OS-08-851-843A-2

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	Query Match	16.0%	Score 61;	DB 3;	Length 1031;
	Best Local Similarity	28.6%;	Pred. NO. 24;		
	Matches	12;	Conservative	9;	Mismatches 21; Indels 0; Gaps 0;
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Dd	6 DNQADNHGHSALKTCCEIKETLYSMIOKIVKRNSOSH	47			

Search completed: March 1, 2001, 16:10:08
Job time: 1211 sec

